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H.R. 2684: FAA Aviation Safety Research Assessment Act of 2007

HR 2684 IH

110th CONGRESS

1st Session

H. R. 2684

To authorize an independent review of the Federal Aviation Administration's aviation safety-related research programs, and in particular those programs related to air traffic control and runway safety, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

June 12, 2007

Mr. CHANDLER introduced the following bill; which was referred to the Committee on Science and Technology

A BILL

To authorize an independent review of the Federal Aviation Administration's aviation safety-related research programs, and in particular those programs related to air traffic control and runway safety, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the 'FAA Aviation Safety Research Assessment Act of 2007'.

SEC. 2. DEFINITIONS.

In this Act, the following definitions apply:

- (1) ADMINISTRATOR- The term 'Administrator' means the Administrator of the Federal Aviation Administration.
- (2) FAA- The term 'FAA' means the Federal Aviation Administration.
- (3) NASA- The term 'NASA' means the National Aeronautics and Space Administration.

SEC. 3. REVIEW OF FAA'S AVIATION SAFETY-RELATED RESEARCH PROGRAMS.

(a) Study- The Administrator shall enter into an arrangement with the National Research Council for an independent review of the FAA's aviation safety-related research programs. The review shall assess whether--

- (1) the programs have well-defined, prioritized, and appropriate research

objectives;

(2) the programs are properly coordinated with the safety research programs of NASA and other relevant Federal agencies;

(3) the programs have allocated appropriate resources to each of the research objectives; and

(4) there exist suitable mechanisms for transitioning the research results from the programs into the FAA's operational technologies and procedures and certification activities in a timely manner.

(b) Aviation Safety-Related Research Programs To Be Assessed- The FAA aviation safety-related research programs to be assessed under the review shall include, at a minimum, the following:

(1) Air traffic control/technical operations human factors.

(2) Runway incursion reduction.

(3) Flightdeck/maintenance system integration human factors.

(4) Airports technology research--safety.

(5) Airport cooperative research program--safety.

(6) Weather program.

(7) Atmospheric hazards/digital system safety.

(8) Fire research and safety.

(9) Propulsion and fuel systems.

- (10) Advanced materials/structural safety.
- (11) Aging aircraft.
- (12) Aircraft catastrophic failure prevention research.
- (13) Aeromedical research.
- (14) Aviation safety risk analysis.
- (15) Unmanned aircraft systems research.
- (16) Safe flight 21--Alaska Capstone.

(c) Report- Not later than 14 months after the date of enactment of this Act, the Administrator shall submit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report on the results of the review.

SEC. 4. AUTHORIZATION OF APPROPRIATIONS.

There is authorized to be appropriated to carry out this Act \$700,000 for fiscal year 2008.

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